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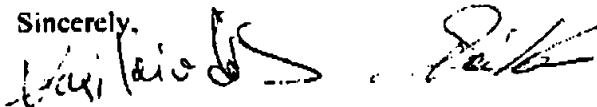
Nov. 1, 2004

Response to Office Action 08/16/2004

This is in response to the last Office Action of August 16, 2004 concerning our continued Patent Appl.# 09/525,176. The applicants have complied with the Advisory Action as described in the recent Office response and have amended the necessary independent claims 134, 152 and 170 of the patent. The amendment of the claims specify that the reactants utilized within the catalytic process are hydrocarbons, alcohols, steam, and carbon dioxide. In addition, the claims as currently described, define distinct process steps that are sequentially performed.

Based on this last amendment of the claims the inventors request from the USPTO to allow claims 134-181 with this application. The current application discloses new allowable subject matter as your Office pointed out in a previous communication (December 22, 2003) which are important in the chemical-process engineering field, and is pending for a considerable time interval (since March of 2000). The allowance of this application with the claims submitted is further requested from the USPTO because it is in continuation in part of the US Patent #6,090,312 (July 2000).

Sincerely,



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